## INTERNATIONAL SEARCH REPORT

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 G01N33/542 G01N33/74

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 GO1N

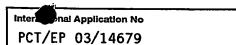
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

SEQUENCE SEARCH, BIOSIS, MEDLINE, EMBASE, EPO-Internal, WPI Data, PAJ

	ENTS CONSIDERED TO BE RELEVANT		
Category °	Citation of document, with Indication, where appropriate, of the	Relevant to daim No.	
A	JENSEN ANDERS A ET AL: "Probing intermolecular protein—protein interactions in the calcium—sen receptor homodimer using biolum resonance energy transfer (BRET EUROPEAN JOURNAL OF BIOCHEMISTR GERMANY OCT 2002, vol. 269, no. 20, October 2002 pages 5076-5087, XP002276727 ISSN: 0014-2956 the whole document	1-26	
A	WO 98/48278 A (UNIV ROCHESTER) 29 October 1998 (1998-10-29) claims 1-37	-/	1-26
X Fu	ther documents are listed in the continuation of box C.	Patent family members are listed	in annex.
"A" docum cons "E" earlier filing "L" docum which citati "O" docum othe "P" docum	nent defining the general state of the art which is not idered to be of particular relevance recomment but published on or after the International date nent which may throw doubts on priority claim(s) or his cited to establish the publication date of another on or other special reason (as specified) nent referring to an oral disclosure, use, exhibition or means nent published prior to the international filing date but than the priority date claimed	"T" later document published after the int or priority date and not in conflict with cited to understand the principle or the invention.  "X" document of particular relevance; the cannot be considered novel or cannot involve an inventive step when the discussion of particular relevance; the cannot be considered to involve an indocument is combined with one or ments, such combination being obvious in the art.  "&" document member of the same paten	n the application but heavy underlying the claimed invention of the considered to occument is taken alone claimed invention inventive step when the ore other such docupous to a person skilled
	e actual completion of the international search	Date of mailing of the international search report	
	15 April 2004	26/04/2004	
Name and	d mailing address of the ISA  European Patent Office, P.B. 5818 Patentlaan 2  NI. – 2280 HV Rijswijk  Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,	Authorized officer  van der Kooij, M	

## **INTERNATIONAL SEARCH REPORT**



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C.(Continua	tion) DOCUMENTS CONSIDERED TO BE RELEVANT	
Category •	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 00/09539 A (SKLAR LARRY A ;VILVEN JANEEN (US); NELDON DONNA (US); PROSSNITZ ER) 24 February 2000 (2000-02-24) page 10, line 10 -page 11, line 18	1-26
T .	page 10, line 10 -page 11, line 18  VILARDAGA JEAN-PIERRE ET AL: "Measurement of the millisecond activation switch of G protein-coupled receptors in living cells."  NATURE BIOTECHNOLOGY. UNITED STATES JUL 2003, vol. 21, no. 7, July 2003 (2003-07), pages 807-812, XP002276728  ISSN: 1087-0156 the whole document	1-26

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International Application No
PCT/EP 03/14679

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
WO 9848278	A	29-10-1998	US AU CA EP WO	6376257 B1 7147998 A 2287589 A1 0977992 A1 9848278 A1	23-04-2002 13-11-1998 29-10-1998 09-02-2000 29-10-1998
WO 0009539	A	24-02-2000	AU WO US	5672199 A 0009539 A1 2003235863 A1	06-03-2000 24-02-2000 25-12-2003